

WHAT IS CLAIMED IS:

1. A solar cell module with power converters,
comprising:

a plurality of solar cells;

5 a covering member; and

a plurality of power converters provided on a
surface of the covering member,

wherein the solar cells form a plurality of
solar cell groups comprising two or more solar cells
10 electrically connected to each other with a gap
therebetween via an interconnector;

each of the power converters is arranged out of
an extension line of the gap;

each power converter is connected to an output
15 of one solar cell group; and

outputs of the respective power converters are
all connected in parallel to each other.

2. The solar cell module with power converters
20 according to claim 1, wherein the plurality of power
converters are DC-DC converters that step up a DC
voltage output from the solar cells.

3. The solar cell module with power converters
25 according to claim 1, wherein a wiring member
electrically connecting the outputs of the plurality
of power converters is buried in the covering member

of the solar cell module.

4. The solar cell module with power converters according to claim 1, wherein the plurality of power
5 converters are placed on a light-incident surface side of the covering member of the solar cell module.

5. The solar cell module with power converters according to claim 1, wherein the plurality of power
10 converters are placed on a surface of the covering member outside light-incident surfaces of the solar cells, and placed at a position where a total length of a plurality of wirings connecting inputs of the power converters to the outputs of the solar cell
15 groups is shortest.

6. The solar cell module with power converters according to claim 1, wherein the solar cells have flexibility.
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7. The solar cell module with power converters according to claim 1, wherein one electrodes of the solar cells are all connected to form one power source line of the power converters.

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8. The solar cell module with power converters according to claim 1, wherein the solar cells

comprise stacked solar cells having an amorphous microcrystal silicon type three-layer structure.